FOLIO

In Excess of 4,000 Degrees to be Awarded Over Five Days

The University will confer approximately 4,300 degrees during five days of Spring Convocation, 31 May and 3 to 6 June. Ceremonies will be held at 1:30 p.m. in the Northern Alberta Jubilee Auditorium except for the 31 May exercises which will take place in Convocation Hall starting at 2 p.m.

Once again the Faculty of Education will be awarding the largest number of degrees with the Faculties of Arts and Science following close behind.

The Faculty of Law will award degrees on the first day of convocation, Friday, 31 May. President Myer Horowitz will deliver the Report to Convocation and honorary degree recipient Madam Justice Bertha Wilson, the first woman to be appointed to the Supreme Court of Canada, will present the Convocation Address. Mr. Justice David McDonald, Justice of the Supreme Court of Alberta, will also receive an honorary Doctor of Laws degree.

Monday, 3 June, will see the Faculties of Education, Nursing and Faculté Saint-Jean present degrees and Dr. Horowitz enunciate the Report to

This Week's Quote

"Someone who speaks three languages is trilingual; someone who speaks two languages is bilingual; someone who speaks one language is a moron - I mean, an American."

Source: French Education Minister Jean-Pierre Chevènement as reported by a simultaneous translator at the recent European Education Ministers' Conference in Brussels. Fortunately, an international incident did not materialize. □

Convocation. The Rt. Hon. Joe Clark, former Prime Minister and currently Minister of External Affairs, will receive an honorary degree and deliver the Convocation Address. The Chairman of the Board and Chief Executive Officer of the Devonian Group of Charitable Foundations, Donald Harvie, will receive an honorary degree.

On 4 June, Arts and Business students will receive their degrees from Chancellor Peter Savaryn, and L.C. Leitch, Vice-President (Finance and Administration), will present the Report to Convocation. Honorary degrees will be awarded to Helen Hunley, Lieutenant-Governor of Alberta, who will deliver the Convocation Address, and to Bernard Snell, former President of the University of Alberta Hospitals.

The Faculties of Agriculture and Forestry, Engineering, Home Economics and Science will confer degrees on Wednesday, 5 June. Vice-President (Academic) J. Peter Meekison, will give the Report to Convocation and Donald Clandinin, Professor Emeritus of Poultry Nutrition and honorary degree recipient, will deliver the Convocation Address. Omeljan Pritsak, Director of the Ukrainian Research Institute at Harvard University, will also receive an honorary degree.

On the final day of Convocation, 6 June, Dentistry, Dental Hygiene, Graduate Studies and Research, Medical Laboratory Science, Medicine, Pharmacy and Pharmaceutical Sciences, Physical Education and Recreation and Rehabilitation Medicine will award degrees and J. Gordin Kaplan, Vice-President (Research) will present the Report to Convocation. Honorary degree recipient, Sheila Egoff, an internationally-renowned librarian, will deliver the Convocation Address. An honorary degree will also be

awarded acclaimed artist, Leo Mol. Biographical sketches of the honorary degree recipients follow.

D.R. Clandinin

Donald R. Clandinin, Professor Emeritus of Poultry Nutrition, was a faculty member from 1938 until his retirement in 1979. During his tenure, he conducted both basic and applied research in nutrition and poultry production, and since his retirement has continued an active research program. As a research scientist, Dr. Clandinin's scientific publications exceed 100. The practical applications of his research have had an economic impact in Canada and have contributed to improving the efficiency of poultry production throughout the world, which has increased the affordability of poultry products to hundreds of millions of people world-wide.



D.R. Clandinin

A graduate of the Universities of British Columbia and Wisconsin, Dr. Clandinin began his career with Alberta Agriculture, as a geneticist in the Provincial Poultry Plant, before joining the University. During his years with the University, his research in the effective use of rapeseed and canola was of great value. Canola is now Canada's third most important grain export. Dr. Clandinin's research, and the overseas missions he undertook for the Government of Canada, have contributed significantly to the wise and efficient use of canola.

Dr. Clandinin was, and continues to be, a member of numerous associations and has acted as president or chairman of several, including the World's Poultry Science Association (Canadian Branch), International Rapeseed Committee (Canadian delegation), Canadian Committee on Animal Nutrition, and the Poultry Science Association. Among his honors and awards are: Queen's Silver Jubilee Medal; Alberta Government Achievement Award for Excellence in Poultry Science: Fellow, Poultry Association of America; and the Canola Research Award.

Joe Clark

A native Albertan and alumnus of the University, Joe Clark graduated with his baccalaureate and master's degrees in history and political science, respectively. Upon graduation, he was a lecturer in political science at the University and later, a journalist for CBC radio and television, the Calgary Herald and the Edmonton Journal.

Mr. Clark then entered politics and held several positions, including Private Secretary to the then Alberta Progressive Conservative (P.C.) leader, W.J.C. Kirby, 1959; National President of the P.C. Student Federation; Director of Alberta Premier Peter Lougheed's provincial organization, 1966-67; Executive Assistant to the Hon. R.L. Stanfield; Member of Parliament since 1972; elected Na-



Joe Clark

tional Leader of the P.C. party, 1976; Prime Minister of Canada, May 1979 to March 1980. Mr. Clark is now Minister of External Affairs.

As Leader of the P.C. Party, Mr. Clark was instrumental in three key areas: parliamentary reform; government financial responsibility and accountability; and renewed federalism based on consensus and cooperation. As Prime Minister, Mr. Clark introduced a financial planning system which shifted responsibility for budget control from one central agency to a series of Cabinet committees. The system remains in force.

Mr. Clark has been honored with honorary Doctor of Laws degrees

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from the Universities of New Brunswick and Calgary. He received the Alberta Order of Exellence in 1983.

Sheila Egoff

Sheila Egoff, internationally-known teacher, lecturer, critic and author, is highly respected as an authority on Canadian children's books. Her first book, The Republic of Childhood: a Critical Guide to Canadian Children's Literature in English, written in 1967 and revised in 1975, set standards for evaluating Canadian children's books and was a landmark in promoting Canadian children's books as a body of literature.

In 1973, Professor Egoff, with Alvine Belisle, prepared an annotated catalogue for an exhibition arranged by the National Library of Canada. Notable Canadian Children's Books/un choix de livres canadiens pour la jeunesse showed the historical development of our literature for children. The list has been published annually since then by the National Library and has become an invaluable tool for librarians, as well as for publishers who are interested in translating notable Canadian children's books into the other official language.



Sheila Egoff

A graduate of the University of Toronto and University College London, England, Professor Egoff began her library career with the Galt Public Library and later was with the Toronto Public Library. She has been on faculty of the School of Librarianship, University of British Columbia, since 1962 and her efforts to promote Canadian children's books to her students has produced librarians who encourage children across the country to read Canadian children's books.



Donald Harvie

Donald Harvie

Donald Harvie, Chairman of the Board and Chief Executive Officer of the Devonian Group of Charitable Foundations, is a native Albertan and alumnus of this University. Mr. Harvie guides the Foundations, established by his father, Eric Harvie, in 1955. After his father's death, Mr. Harvie assumed the responsibility of the Foundation's self-liquidation. Through the initiative of the Devonian Group, projects have been undertaken with partners, and consequently far more has been accomplished, and continues to be accomplished, than the Group itself could have done alone. The Foundations place priority on projects in three areas: public parks; applied scientific research; and historic preservation and museums.

Mr. Harvie's father also founded, with an equal cash gift from the provincial government, the Glenbow-Alberta Institute. A large additional gift from the Harvie family included museum collections, historical records and archives with emphasis on Western Canada and native culture. After the Glenbow Museum was built in Calgary by the province, large additional collections were given by the Devonian Group, and the Museum is now internationally-recognized. Mr. Harvie sits as a senior director on the Glenbow-Alberta Institute and much of its success results from his participation.

In 1981, Mr. Harvie was awarded the Order of Canada. He is currently director of a number of corporations including the Bank of Montreal, the Molson Companies Ltd., Northern Telecom Ltd., and B.P. Canada.

Helen Hunley

The Hon. Helen Hunley, recently inducted Lieutenant-Governor of Alberta, was born and raised in Alberta. She owned and operated an implement and truck dealership and insurance agency in Rocky Mountain House prior to centring her business interests in an insurance agency, Helen Hunley Agencies Ltd., in 1968.

She relinquished her business to enter provincial politics and in 1971 was first elected to the legislature. In her first term, Miss Hunley was appointed Minister without Portfolio and in 1973 was appointed Solicitor-General. She was re-elected in 1975 and reappointed to the Cabinet as Minister of Social Services and Community Health.

Miss Hunley also served in the municipal arena, as Town Councillor for six years and then as Mayor of Rocky Mountain House for five years. She was active in community affairs and volunteer agencies, particularly the Red Cross and Boy Scout Organizations.



Helen Hunley

David C. McDonald

The Hon. Mr. Justice C. McDonald, Justice of the Supreme Court of Alberta, is an alumnus of the University who has been affiliated with the Faculty of Law for some 20 years. Upon completion of a Rhodes scholarship, he joined the Edmonton law firm of McCuaig, McCuaig, Desrochers, Beckingham and McDonald and spent 15 years with the firm prior to being appointed Justice of the Trial Division of the Supreme Court of Alberta in 1974. In 1979, he continued as a Jus-



David C. McDonald

tice of the Court when it was renamed as the Court of Queen's Bench of Alberta.

Mr. Justice McDonald was Chairman of the McDonald Royal Commission, appointed to inquire into certain activities of the RCMP, and is one of the founders of the Canadian Institute for the Administration of Justice (formerly at York University, it is now located in the Law Centre here).

He has been active in matters concerning the education and competency of judges throughout Canada and has written a number of scholarly judgments. Having earned a widespread reputation as an interpreter of the law, he has been invited to address a number of international meetings of judges and lawyers.

Leo Mol

Leo Mol, internationally-acclaimed sculptor and painter, is a native of the Ukraine. He studied at Kunst Akademic, Berlin, and the Academy of Art, The Hague, Netherlands. He immigrated to Canada in 1948 and since that time has produced works which are now in collections and galleries throughout the world. Mr. Mol has executed busts of such dignitaries as John Diefenbaker, Dwight Eisenhower, Pope Paul VI. Pope Paul II, Cardinal Tisserant and members of the Group of Seven. He has also designed and executed more than 80 stained-glass windows and his work is in permanent collections in a number



Leo Mol

of galleries, including the Ontario Art Gallery, Vatican Museums, and the McMichael Canadian Collection.

Among his many awards and distinctions are: first prize, International Competition for Taras Shevchenko Monument, Washington, D.C., and Buenos Aires; Jacob C. Stone Prize for a classical figure, 50th Annual Exhibition of the Allied Artists of America, New York; and Centennial Medal, Government of Canada.

Omeljan Pritsak

Omeljan Pritsak is Director of the Ukrainian Research Institute at Harvard University.

Professor Pritsak was the initiator of the Institute which resulted from a plan he proposed to the U.S. Ukrainian community for the endowment of three professional chairs in Ukrainian studies. The end result was that three chairs, in the disciplines of language, literature and history, were fully endowed at Harvard and the Institute was officially established. In 1975, Professor Pritsak was named the first occupant of the Hrushevsky chair.

Professor Pritsak has numerous scholarly works to his credit and his scholarly career was highlighted in 1981 with the publication by Harvard University Press of the first volume on The Origin of Rus': Old Scandinavian Sources other than the Sagas. It has been called the best example to date of the application of Turkology and Altaic and Central Asian studies to the study of Ukrainian and East European history.

Professor Pritsak holds membership in a number of learned societies, including the American Medieval Academy, and is a Fellow of the Ukrainian



Omeljan Pritsak

Academy of Arts and Sciences (U.S.) and the American Academy of Arts and Sciences.

Bernard Snell

Bernard Snell, former President of the University of Alberta Hospitals, joined the Hospital in 1957 as Assistant Medical Superintendent, following 10 years of medical/hospital work in England. He was appointed Medical Superintendent in 1960 and became President six years later, a position which he held until his retirement in 1984. In addition to his adminstrative responsibilities, Dr. Snell was a faculty member who taught in the Departments of Social and Preventive Medicine, Community Medicine, and Health Services Administration and Community Health. It was during his tenure that the Walter C. Mackenzie Health Sciences Centre, one of the most technically advanced hospitals in the country, was constructed.



Bernard Snell

Throughout his career in hospital administration, Dr. Snell served on a number of national and international boards, including the Presidency of the Association of Canadian Teaching Hospitals, the By-Laws Committee of the American College of Hospital Administrators, the Council on Medical Administration (USA) and the federal Advisory Committee on Hospital-Acquired Infection.

Dr. Snell, former President of the Edmonton Art Gallery and Chairman of the United Way of Edmonton, continues to be active in the community.

By Degrees

A.C. Rutherford was awarded one in 1908; Hugh Horner accepted one in 1984. In between 369 people, by no means all of them politicians, have been awarded honorary degrees by the University of Alberta.

Degrees have been awarded in Convocation Hall, in the Northern Alberta Jubilee Auditorium, the Universiade Pavilion, at the University's Calgary campus and at Special Convocations at Legal and St. Paul.

Among the hands that have reached for honorary degrees have been those of H.R.H. Edward Albert Christian George Andrew Patrick David of Windsor, (Prince of Wales) (1919), Henry Marshall Tory (1928), Irene Parlby (1935), E.C. Manning (1948), Robertson Davies (1957), Barker Fairley (1958), Chester Ronning (1965), Paul Emile Leger (1967), U.

Thant and Pierre Trudeau (1968), Walter Johns (1970), Marshall McLuhan (1971), Bora Laskin (1972), John Diefenbaker (1974), Monsignor Athol Murray and W.O. Mitchell (1975), Hans Selye (1978), Mother Teresa (1982), and H.R.H. Charles Philip Arthur George (Prince of Wales) (1983).

Turning to non-honorary degrees, we present the Gordon family. Colin Gordon is about to graduate in History. His grandmother, Agnes Wilson, was a member of our University's first graduating class. His father, John G. Gordon, is a 1948 graduate. John Gordon's father was R.K. Gordon, Head of the Department of English from 1937 to 1950. His mother was Agnes Teviotdale; her mother was Agnes Wilson. □

Bertha Wilson

Bertha Wilson is the first woman to be appointed to the Supreme Court of Canada.

Madam Justice Bertha Wilson was born in Scotland and received her legal education at Dalhousie University. She was called to the Nova Scotia Bar in 1957 and subsequently practised with the Toronto firm of Osler, Hoskin and Harcourt. She was made a partner in the firm in 1968 and achieved the rank of Queen's Counsel (Q.C.) in 1973. Madam Justice Wilson was appointed to the Ontario Court of Appeal in 1975 and to the Supreme Court of Canada in 1982.

She has been active in the Ontario and National Councils of the Canadian Bar Association and has sat as a member on a number of boards, for example, the Canadian Centre for Philanthropy, Carleton University and the Clark Institute of Psychiatry. She was Chairperson of the Rhodes Scholarship Selection Committee in Ontario from 1980 to 1984.



Bertha Wilson

FSIDA's Fall Deadline Revised

At its last meeting on 30 April 1985, the Advisory Committee for the Fund for Support of International Development Activities decided to change the Fall deadline from 15 September to 15 October. All potential applicants are herewith alerted to this change. For information and application forms, please contact the Secretary, Eva M. Cherniavsky, 3-31 University Hall, telephone 432-4588.

Conference Discusses the Writing Process

From 12 to 14 May, Chris Bullock (English) and Kay Stewart (Grant MacEwan Community College), on behalf of the Canadian Association for the Advanced Study of Writing and Reading (CAASWAR) and its newsletter, Inkshed, hosted the Second Annual Inkshed Conference on Writing and Reading. The conference, which received financial support from the University of Alberta (Conference Fund and Faculty of Arts) and Grant MacEwan Community College, was entitled "What Do We Mean By Process?" and was held in a retreat setting at Westridge Park Lodge.

Presenters included Nan Johnson (University of British Columbia) on "Historical Definitions of Process," Dennis Ouon and Susan Stevenson (University of British Columbia) on 'The Teacher in the Process," Glenn Martin (University of Alberta) on "Classroom Memos: A Reason for Student Writing," Neil Besner (Mount Royal College), "Process Versus Product: A Real Opposition?" Amanda King (University of British Columbia), "A Historical Study of Textbooks," Russell Hunt (St. Thomas University) and Susan Drain (Mount St. Vincent University),

"Practical Criticism and the Literature Assignment." Also included was a special session where eight other presenters briefly described their research projects; these ranged from a world-wide comparison of responses to poetry to a survey of post-secondary writing programs in Canada.

A special feature of *Inkshed* Conference is that writing is built into the conference program. At various points during each conference registrants are invited to respond in writing to the issues raised during conference sessions. These responses are then edited by ad hoc editorial boards, published during the conference and become the subject matter for several discussion sessions.

This year the "inksheddings," as these written responses are called, provoked heated discussion on the issue of the most appropriate ways of teaching reading and-writing and the context (social, psychological, semiological) in which this teaching takes place.

The next Inkshed conference will take place next May at McGill University. Anyone interested in attending can contact Chris Bullock (English) for further information. Subscriptions to the CAASWAR newsletter, Inkshed, can be had by writing to: James Reither, Director of the Writing Program, St. Thomas University, Fredericton, New Brunswick.

Excellence in Research Nets Faculté Saint-Jean Professor Top Honors

The Faculty of Education of the University of Montreal recently awarded the Prix Gregoire 85 to Jean Watters, Director of the Centre for Continuing Education, the Faculté Saint-Jean.

This annual award for excellence in research was presented to Dr. Watters

for his doctoral research on the role of facilitators in educational teleconferencing.

Dr. Watters' research was judged outstanding among the 21 doctoral theses completed in Education at the University of Montreal during 1984.

Jean-Louis Bernard, Dean of Education at the University of Montreal, has congratulated Dr. Watters for his achievement, stating that his research by its quality has contributed to the advancement of Andragogy. Dr. Watters is the first graduate from the Department of Andragogy to receive this award.

Later this spring, the University of Montreal will publish Dr. Watters' entire thesis in a special collection. □



Jean Watters

Scholarships in Economic Development for Native Students Announced by Canadian Northern Studies Trust

The Canadian Northern Studies Trust anticipates awarding scholarships—valued at \$10,000 each—to support native students enrolled in post-baccalaureate degree or diploma programs at a Canadian university and who will be commencing post-graduate studies at any time during the 1985-86 academic year.

The education program of the successful candidates will have special relevance to the over-all goals of economic development for native peoples in Canada. Preference will be given on the basis of academic excellence, but work-related experience with potential for initiative and leadership qualities will be taken into account. All subject areas that have direct bearing on ec-

onomic development will be considered, but the applicability of the course of study to native economic development should be demonstrated.

The awards will be open to native students who are Canadian citizens or permanent residents of Canada.

For information and application material, write to: Association of Canadian Universities for Northern Studies, 130 Albert Street, Suite 1915, Ottawa, Ontario K1P 5G4. Telephone: 613-238-3525.

Applications are to be received by 15 June 1985.

The Canadian Northern Studies
Trust is sponsored by the Association
of Canadian Universities for Northern
Studies.

Heart Foundation Endows Chair in Cardiovascular Research

A donation of \$750,000 from the Alberta Heart Foundation will create a Chair in Cardiovascular Research in the Faculty of Medicine. A cheque for the first installment of \$500,000 was presented to Dean Wilson, Medicine, by Orest Mulka, Past President, Alberta Heart Foundation, at a ceremony on 22 May. Alberta Advanced Education has agreed to match the funds generated from the endowment.

The holder of the Chair will be a senior researcher and there will be a

world-wide search to fill the position. The incumbent will head a major group of researchers in cardiovascular disease and this research may be at either a basic or a clinical level, or both.

Current research at the University includes various studies on therapeutic interventions to limit the damage associated with heart attacks and to measure, by using various imaging systems, the extent of heart attacks. Studies also involve the investigation of methods of preserving heart muscle

which do not receive sufficient oxygen; and the use of two dimensional echo cardiography to study the size and function of the various portions of the heart and heart muscle. In addition, studies are being conducted on exercise after a heart attack and on the newly discovered atrial receptros controlling fluid balance and retention.

The Department of Paediatrics and its Divisions of Paediatric Cardiology and Cardiovascular Surgery and the Division of Cardiology and Department of Surgery have active ongoing research programs and the endowed Chair will enable a major research program to fit into and build on a variety of active research programs currently under way.

The Alberta Heart Foundation has donated the same amount of money to the University of Calgary which has also established a Chair for research into cardiovascular and/or stroke disease.



News cameras focus on Jamie Smitten, 13, as he "takes a breather" in the Exercise Stress Testing Lab in Paediatric Cardiology. Jamie, who was born with a once-fatal heart condition called aorticstenosis, demonstrated for reporters during a news conference announcing the major donation from the Alberta Heart Foundation.

University of Alberta Finishes Second in American Law School Competition

Three students from our University's Faculty of Law won second place over-all in the American Bar Association Client Counselling Competition, held recently at Pepperdine University in California.

In this competition, law students compete in interviewing sessions with clients, matching their counselling and interviewing skills against students from other law schools. The American Bar-Association has been running the competition for approximately 15 years. Canadian schools have participated in the competition in recent years, and this year was the first in which the University of Alberta was represented. This is the highest placing of any Canadian team in the history of the competition.

The three students are Karen Smee, Barry Heck and Ted Olson. They were selected to represent the University following a Law School Competition held in early February.

On 2 and 3 March, the University of Alberta Client Counselling team competed in the ABA Regional Finals, held in Moscow, Idaho. Nine of the teams competed in this competition. The University of Alberta placed first in this regional competition, thereby winning the right to compete in the North American Finals. In all approximately 120 Law Schools across North America participated in the program.

The University of Alberta's participation was made possible by a grant from the Alberta Law Foundation. □

Jim Muldowney Recipient of Science Award for Excellence in Teaching

On 23 May, the Faculty of Science Award for Excellence in Teaching was bestowed upon Jim Muldowney, Professor of Mathematics.

Dr. Muldowney has long been recognized by his colleagues as an outstanding teacher. He is especially noted for his attention to the needs of individual students. His lectures are well-known for their clarity and for the motivation they inspire. These attributes make Jim Muldowney a highly respected teacher in the Faculty of Science.

Since his appointment in 1968, Dr. Muldowney has taught a wide range of courses, primarily to the Engineering students and Science Honors students. Irrespective of class size, Dr. Muldowney's teaching skills have resulted in an exceptional "esprit de corps" and former students have commented on their "exceptional educational experience." Dr. Muldowney is also known to high school students in the Edmonton area. By making yearly visits to a number of schools, he has been active in discussing University programs with students enrolled in Mathematics 30 and 31.

Dr. Muldowney's research interests include studies of ordinary differential equations. He is a graduate of the National University of Ireland (BSc, MSc) and holds the PhD degree from this University.□



Jim Muldowney (right) accepts the Faculty of Science Award for Excellence in Teaching from Dean W.J. McDonald.

people

Larry Milligan (Animal Science) has agreed to serve on the recently created NSERC Advisory Committee on Life Sciences. The committee will assist in the planning of NSERC's programs of grants and scholarships in the broad field of life sciences and ensure that the programs are meeting the needs of the research community in these fields.

Recent visitors to campus were Lea Zwanger, Chief of the Division of Allied Health Division of the Kunat-Holim, Tel-Aviv, Israel, and Shin Seho, Vice-President, Korean Education Development Institute (KEDI). Dr. Zwanger conducted a nursing research seminar, provided research consultation to selected faculty members, and worked on a project proposal relating to evaluating the quality of care. In the interest of furthering the five-year-old KEDI Project, Dr. Se-ho held discussions with R.S. Patterson (Dean of Education) and T. Aoki (Secondary Education).

of a public forum to be presented by Athabasca University in Athabasca on 14 June. Speakers at the forum, which is being held in conjunction with celebrations marking the official opening of the university's new campus, are Northrop Frye, University of Toronto, Erich Vogt, Director of TRIUMF, and J. Peter Meekison (Vice-President (Academic)). Dr. Meekison will discuss "Federalism and the Constitution."

S. Vinh (History) gave a paper, "Research and Teaching of Japanese History in Canadian Universities," at the Conference of the Canadian Association for International Development Studies, University of Montreal, 27 May.

Douglas Barbour (English) recently returned from a tour of northern Europe during the months of February and March. With Stephen Scobie, he read poetry and lectured on contemporary Canadian poetry at the English Institutes of the following universities: in West Germany: Bonn, Kiel, Trier, Siegen, Mainz and Erlangen; in Denmark: Aarhus, Odens and Copenhagen; in Sweden: Lund, Göteborg, Linköping and Uppsala; in Austria: Graz and Vienna. Professor Barbour also gave a lecture and a reading at L. Kossuth University in Debrecen, Hungary. He gave a lecture

on Canadian Experimental Poetry at the annual conference for the Association for Canadian Studies in German-Speaking Countries, held at Grainau, 14 to 16 February, and he and Stephen Scobie also read and performed their own work at the confer-

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events Lectures and Seminars

Biochemistry

31 May, 2 p.m. Michel Veron, Unite de Biochimie Cellular, Institut Pasteur, Paris, "The Interaction of Cyclic AMP with its Intracellular Receptors during differentiation of the Slime Mould Dictyostelium discoideum." 2-27 Medical Sciences Building. Sponsored by the Alberta Heritage Foundation for Medical Research.

Anatomy

4 June, 4 p.m. Noel Cameron, University of Witwatersrand, "The Prediction of Adult Height." 6-28 Medical Sciences Building.
6 June, 4 p.m. Dr. Cameron, "In Search of the Curve." 6-28 Medical Sciences Building. Both lectures sponsored by the Alberta Heritage Foundation for Medical Research.

Music

North Power Plant
31 May, 8 p.m. "Bunnie's Disco."

Alberta Guild of English Handbell Ringers

2 June, 3 p.m. "An English Handbell Concert." Up to 20 handbell choirs performing selections of 2-5 octave music. Part of the International Handbell Festival 1985. Free admission. Main Gymnasium. Physical Education and Recreation Building.

Theatre

SUB Theatre

Until 31 May Alberta Dance Educators Association's Annual Dance Competitions. The "Show of Stars" is 31 May, 7:30 p.m. Call Marie at 451-5426 for more information.

1 June, 8 p.m., and 2 June, 2 and 8 p.m. "Just a Kommedia." A comedy about growing up in Ukrainian Canada...or just growing up a Ukrainian in Canada. Tickets available at all BASS outlets.

4 June, 7:30 p.m. "The Marr Mac Dance School Production." Tickets available at the studio; call Mrs. Steele at 435-4933 for information.

8 and 9 June, 4 p.m. "Cheremosh Dance Competitions." Tickets available at the door. For information, call Corinne at 476-3686.

Studio Theatre

6 to 15 June. "Whiskey Six," a play by Sharon Pollock. Tickets are \$12 and \$15 and are available at the Studio Theatre Box Office, 3-146 Fine Arts Centre. For more information, telephone 432-2495.

Non-Credit Courses

Computing Services

MTS (Michigan Terminal System)

MTS and Editor Fundamentals (Prerequisite) AJ510 Operation and Visual Editing (Prerequisite) MTS Overview (Prerequisite)

TEXTFORM

Introduction to Text Formatting (Prerequisite)

SPIRES

Introduction to SPIRES (Prerequisite)
Advanced SPIRES

Graphics

Integrated Graphics Overview (IG)

Statistics

Data Preparation for Statistical Packages (Prerequisite)
Introduction to SPSSx
Introduction to MIDAS

Microcomputers

Introduction to the IBM PC

Introduction to the Personal Editor
Introduction to MultiMate
Advanced MultiMate
Introduction to Microcomputers
Introduction to MicroSoft FORTRAN
Introduction to Macintosh
The above courses are offered regularly through
the day with limited evening selections. Registration will be taken over the phone for all courses
except evening courses. These may be made in person at 352 General Services Building, or by mail.
Payment must accompany registration for all evening courses. Please make cheques payable to the
University of Alberta.

Waiting List Courses

ficient number of people express an interest.
Advanced Text Formatting
Introduction to Plotting
Introduction to Programming
Introduction to Typesetting
Introduction to APL
Introduction to Tell-A-Graf
Introduction to BMDP
Introduction to MINITAB
Introduction to TROLL
For more information on any of the courses listed above, telephone the Training Coordinator at
432-2511, between 8 a.m. and 4 p.m., weekdays.

The following courses are only offered when a suf-

Faculty of Extension

Certificate Programmes

For further information on the programmes listed

David Secord Merits SPCA's Esteem

David Secord is one of the first recipients of the Alberta SPCA's Certificate of Appreciation, an award instituted this year by the Society.

"Salute to Scholarship" is the title

"Dr. Secord has been nominated because of his helpfulness to our Committee on the Experimental Use of Animals, his openness and his willingness to discuss situations involving Alberta animals," said a representative of the Society.

At the awards ceremony on 25 May, Dr. Secord was cited for his "contribution to the welfare of laboratory animals at the University of Alberta."

Director of the SMR Animal Centre, Dr. Secord is pictured here with one of the Centre's six miniature pigs. Public opinion is against the use of dogs in research and pigs, whose cardiovascular system, basic physiology and metabolism are similar to human's, may take their place. These



Yucatan pigs are clean, odorless, friendly and small, weighing in at about 150 lbs. full-grown. (The common or garden porker reaches about 800 lbs.) They are also relatively inexpensive at \$150 each, compared with \$850 for a laboratory-bred dog.□

below, telephone 432-5545 or 432-3027 between 8:30 a.m. and 4:30 p.m., Monday to Friday. Management Development Personnel Administration Computers and Business Data Processing Industrial Security Management Purchasing Management Development Applied Land Use Planning Certificate Programme

Public Administration Certificate (432-5052)

Citation Programme

For further information on the following programmes, telephone the number(s) listed behind the course.

Executive Development Programme for Women (432-5545 or 432-3027)

Supervisory Development Programme (432-5066)

Land Use Planning Studies

For further information on the following courses, telephone 432-2912.

Plans and Processes Survey and Analysis (Field Trip)

Industrial Courses

For further information on the course listed below, telephone 432-2912.

Maintenance Management

PLATO Learning Centre

"Computer-Taught" courses can be taken any time at your convenience. For further information on this unique way of learning, telephone 432-2444. Introduction—Keyboarding, Word Processing Excellence in Administrative Assistant/Secretarial Work

Introduction—Computers, Data Processing
Introduction to Programming—BASIC, PASCAL,
FORTRAN

Time—Resource, Financial or Planning Manage-

Applied Behavioral Sciences Division

For further information on the following course, telephone 432-5069.

The Eclectic Counsellor

Devonian Botanic Garden

For a detailed brochure and registration form, telephone 987-3054.

Suitable Conifers for the Alberta Landscape

Notices

Jim Bateman to Retire

Jim Bateman, Special Arrangements Co-ordinator, Schedules Division (Examinations and Timetableing), Office of the Registrar, is retiring in June, after 27 years with the University of Alberta.

A dinner is being held in his honor for guests and escorts in the Saskatchewan Room of the Faculty Club at 6 p.m. on 20 June. Anyone wishing to attend this dinner and/or make a contribution to the gift is asked to contact Anne Tory at the Registrar's Office, 432-4597. A cash bar will preceed the dinner from 4 to 6 p.m.

Shirley Meyer to Retire

Shirley Meyer, Office Manager of the Library Administrative Centre, is retiring from the University Library at the end of June after 39 years of service with the University.

A reception to honor Mrs. Meyer will be held in University House on Wednesday, 26 June, from 3 to 5:30 p.m. All of her friends and colleagues are invited to attend.

Anyone wishing to contribute toward a retirement gift should send a cheque made out to: "Shirley Meyer Retirement Fund" to Mrs. M. Sherban, Accounting Department, Cameron Library.

University/Community Children's Drama Project

The University/Community Children's Drama Project is being piloted for 7 to 9-year-olds September to December 1985, 4:30 to 5:30 p.m. weekly. For registration applications, call the Department of Elementary Education, 432-4273, Monday to Friday between 8 a.m. and 4 p.m.

Weighty Matters

Anyone interested in joining a noon hour weight watchers class on campus is asked to call Eddie-lee Smith at 432-5999 before 6 June.

Attention Travellers to Ethiopia

People recently returned from Ethiopia are asked to get in touch with Paul Saram (Sociology), 432-3384, as soon as possible.

Scholarships, Fellowships and Awards

Ray Hadfield Arthritis Research Scholarship

Donor: University of Victoria. Where tenable: Not specified. Level: Graduate. Field: Immunology, immunochemistry and protein chemistry with application to human disease. Value: \$11,000 per year. Number: Not specified. Duration: Up to four years. Conditions: Applicants must have a bachelor's degree with 1st class standing. Closing date: 15 June. Applications should include the names of three references and curriculum vitae. Further information and application forms should be requested from: The Ray Hadfield Scholarship, Department of Biochemistry and Microbiology, University of Victoria, Victoria, B.C. V8W 2Y2 (604) 721-7080.

The Hugh Le May Fellowship

Donor: Rhodes University. Where tenable: Rhodes University (Grahamstown, South Africa), Level: Post-graduate. Field: Philosophy: Theology: Classics; Ancient, Mediaeval or Modern History; Classical, Biblical, Mediaeval or Modern Languages; Political Theory; Law. Value: R2800. Also entitled to free accommodation and board (or an allowance of R15 per day in lieu of board). Number: One. Duration: One year or less. Must take up tenure between 1 January 1986 and 31 December 1987. Conditions: Should be scholars of standing with research publications to their credit; successful applicant normally required to reside in Grahamstow for period of Fellowship; not expected to undertake any teaching duties during Fellowship. Closing date: 31 July 1985. Further information and application forms should be requested from: The Registrar, Rhodes University, Grahamstown 6140 South Africa. Include in the application request: a) full statement of proposed work; b) curriculum vitae; c) names of three references; d) name of at least one well-known authority who could attest to applicant's standing in the field.

The Hugh Kelly Fellowship

Donor: Rhodes University Where tenable: Rhodes University (Grahamstown, South Africa), Level: Senior scientists. Field: To work in Departments of: Chemistry and Biochemistry, Computer Science, Geography, Geology, Ichthyology and Fisheries Science, Mathematical Statistics, Mathematics (Pure and Applied), Microbiology, Pharmaceutical Sciences, Physics and Electronics. Plant Sciencs, Psychology, Zoology and Entomology. Value: R1500 per month plus return tourist class airfare or first class rail fare from place of residence. Spouse's fare will also be paid if appointment is for at least six months. Number One award given. Duration: Up to one year. Appointment must start in 1986, Conditions: Preference to candidates willing to accept appointment for at least six months; normally required to reside in Grahamstown. Closing date: 31 July 1985. Further information and application forms should be requested from: The Registrar, Rhodes University, Grahamstown 6140 South Africa

Positions Vacant

The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Director, Boreal Institute for Northern Studies

Applications are invited for the position of Director, Boreal Institute for Northern Studies. Applicants should be recognized active scholars in Arctic or sub-Arctic research. Preference will be given to applicants with extensive northern experience and experience in interdisciplinary programs. Exposure to international programs, and to governmental, private enterprise and native groups will be an asset. The Director is expected to spend about half his/her time as leader of a multidisciplinary institute supporting and coordinating northern research and academic programs. The other half of the Director's time is to be spent in a teaching department in the University of Alberta.

Secondment arrangements from another university or from government or industry will be considered. The appointment is for a period of up to five years, starting as early in 1986 as possible. Salary: negotiable according to experience.

Applications and names of at least three references should be sent to: Dr. Baha Abu-Laban, Associate Vice-President (Research), 3-3 University Hall, University of Alberta, Edmonton, Alberta T6G 2J9. Closing date for applications: 30 September 1985.

Project Co-ordinator, Boreal Institute

The Boreal Institute for Northern Studies requires a "project co-ordinator" on a contract basis to oversee various commemorative activities in connection with its 25th anniversary. The primary responsibilities of the successful applicant will be to plan, organize and put on a major international conference in collaboration with an advisory committee, in Spring 1986. Afterwards, he/she will be responsible for co-ordinating the process of producing a major publication incorporating the conference papers.

Applicants should have a strong organizational, fund-raising and public relations background, with local, national and, particularly, international experience. Duties to begin immediately.

Send résumé and three letters of reference by 14 June 1985 to: Dr. A.S.A. Mohsen, Acting Director,

Boreal Institute for Northern Studies, CW401 Biological Sciences Building, University of Alberta, Edmonton. Alberta T6G 2E9.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 24 May 1985. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR. The University of Alberta is committed to the principle of equal opportunity employment.

Positions available as of 24 May 1985.

Bookstore Clerk (\$1,082-\$1,338) Bookstore Purchasing Clerk I (\$1,161-\$1,442) Materials Management

Clerk Typist II (Part-Time/Trust) (\$580-\$721)
Muttart Diabetes Research Centre

Clerk Steno III (Trust) (\$1,294- \$1,625) Dean of Agriculture and Forestry

Clerk Steno III (\$1,294-\$1,625) Law Clerk Typist III (Trust) (\$1,294-\$1,695) Civil Engineering

Admissions Records Clerk (\$1,294-\$1,625) Registrar's Office

Administrative Clerk (\$1,442-\$1,842) Physics Medical Stenographer (\$1,442-\$1,842) Medicine Secretary (Trust) (\$1,442-\$1,842) Institute of Law Research and Reform

Departmental/Executive Secretary
(\$1,625-\$2,092) Personnel Services and Staff
Relations

Departmental/Executive Secretary (\$1,625-\$2,092) R.S. McLaughlin Examination and Research Centre

Typographical Tradesman II (\$1,442-\$1,842)
Printing Services

Technician I (\$1,497-\$1,920) Computing Services Technologist I (\$1,697-\$2,182) Botany Technologist I (Part-Time) (\$849-\$1,091) Anthropology

Technologist I (Part-Time Recurring Term)
(\$849-\$1,091) Anthropology
Electron Microscope Technician III
(\$1,920-\$2,486) Zoology
Biochemistry Technologist II (Trust)
(\$1,092-\$2,486) Genetics

Programmer Analyst II (\$2,182-\$2,710) Zoology Programmer Analyst III (\$2,596-\$3,390) Computing Science

For vacant Library positions please contact the Library Personnel Office, Basement, Cameron Library. Telephone 432-3339.

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission

Accommodations available

- Sale University. Professionally renovated, two bedrooms, two bathrooms, large country kitchen, built-in appliances, and skylight. Den in cedar with open beam ceiling and skylight. Fireplace, finished basement. 436-4738.
- For rent \$725/month, unfurnished, threebedroom house. Garage, McKernan area, walking distance to University. Starting 1 July 1985. Phone 438-0183.
- Rent University Avenue, 10839. Beautifully furnished, one-bedroom apartment. \$400. Caretaker. #16.
- Sale By owner, Blue Quill. 2,000', four-bedroom, 2 1/2 baths. Attached, two-car garage. Former showhome. 438-3877.
- Sale 11015 University Avenue. Completely renovated. Two bedrooms. Dave. 437-0794.
- Rent Sabbatical. Two-bedroom, furnished house near University. Contains one-bedroom, basement suite. Available September 1985 to August 1986. \$550 per month. 437-4518 or 432-5437.
- Sale Windsor Park, exceptional two-bedroom bungalow. Excellent condition, extensive improvements, basement developed, fireplace, oak floors, garage. John Templeton, ReMax, 438-1575.
- Rent Luxury condo. apartment. Claridge House. One block to University. Two-bedroom, 1,300'. \$850 includes parking, utilities, air-conditioning, five appliances, insuite laundry. 430-6797.
- Rent Two-bedroom, California bungalow, furnished, one block from campus. Ground floor only. Reasonable rent. Available 1 September 1985. Phone 434-2911 or 436-1279.
- Sale By owners. Two-storey, four-bedroom house. Garneau, extensive renovation. \$110,500. No realtors. Evenings 431-0208.
- Sale One-bedroom condo. University area. Five appliances, air-conditioned, underground parking, assumable mortgage. Call 432-0778 evenings.
- Sale By owner. Windsor Park, three-storey, family home. 2,700' of comfortable living. Old fashioned charm. Flexible terms. \$219,000. 433-6169.

- Rent Three-bedroom, fully furnished home.

 Meadowlark. 1 July, \$650 per month. Rent and rental period negotiable. Phone after 3 p.m.
 433-9918.
- Rent Sabbatical: Comfortable, older, renovated, three-bedroom house. Near campus, fireplace, \$650, 439-6408.
- House for rent Park setting. Close to transportation. For summer school or portion thereof. 30 June-2 or 9 August. \$500. Call 424-1638.
- For rent Basement suite, \$200/month, utilities included. Available 1 June, damage deposit \$100. Parking available. Quiet tenant, please. 436-4280.
- House for rent Four-bedroom, sabbatical house, study, family room, garage, twelve-minute drive to University, completely furnished. \$750 per month. 1 August 1985-30 July 1986. Phone 483-0006.
- Rent 11240 77 Ave. Three-bedroom house, \$775/month. Available 21 June. Married couple, no pets. 436-7248.
- Rent Four-bedroom, fully furnished home. Near West Edmonton Mall. \$750 plus utilities. July 1985-August 1986. 484-9166.
- Sublet Architecturally renovated home, 1 July to 31 December. Furnished, air-conditioned, garage, central location. Must be seen. Jane or Delov at 482-6912 days, 452-0421 evenings.
- Rent Sabbatical, 111 St. 76 Ave. furnished, three-bedroom with study, garden. No pets. August 1985-August 1986. \$550/month plus utilities, 432-5678, 437-7270.
- Sale University area. Two-storey, revenue home. For details, call Chris Tenove, 433-5664, 436-5250. Spencer's.
- Sale Quiet Belgravia location. Walk to University. Bungalow. Fireplace. Large lot. Chris Tenove, 433-5664, 436-5250. Spencer's.
- Sale One acre residential city lots. For details, call Chris Tenove, 433-5664, 436-5250.

 Spencer's.
- Rent Three-bedroom, furnished bungalow. Windsor Park. 6-12 months. Starting 1 July. Call Edna, 433-7495.
- Rent Fully furnished, three-bedroom house in north Windsor Park. Study, family room, game room, fireplace, garage. Large, fenced yard. 15

August 1985 through 15 August 1986. \$1,100 monthly. 432-9305.

Rent - Three-bedroom, furnished bungalow. Riverbend. Basement, two fireplaces. Available 1 September to 30 April. University bus route. \$650 plus utilities. 435-2447.

Accommodations wanted

- If you require a reliable couple (one child) to housesit for you during your sabbatical. Phone 455-4812.
- Would appreciate information concerning furnished accommodation in London, England, I November-31 December 1985. Please contact L.C. Leitch, 432-5354.

Goods for sale

- New Royal typewriters, \$300 and up. Used IBMs when available. Mark 9. HUB Mall. 432-7936.
- Books bought and sold The Edmonton Book Store in HUB Mall will pay cash for book collections and individual, rare items. Appraisals available.

 Open seven days a week, 433-1781.
- Metermaster portable oscilloscope, dual trace, AC/battery operated, probe kit. Like new! Bonnie, 432-4210, 955-7911 evenings.
- Registered, Lynxpoint, Siamese kittens with shots, 11 weeks old. Phone 452-4549.

NEC Spinwriter 3510, 2-8" drives, heathkit H89, excellent word processing capability. 962-4013. Office desk, chair, file cabinet.

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Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.

Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064.

Backaches? Stress tension? Special therapy at Back-Basics (supplementary healthcare reimburses treatment costs). Maria Krieg is a spine specialist, university-trained in Düsseldorf. 11610-75 Avenue. 436-8059.

Landscaping, lawn maintenance. Martin, 433-8729 evenings.

Experienced architect. Will do renovation/new home designs. Call 973-3198 (local).

Word Processing. \$15/hour. 421-4539. #700, 10150 100 St.

Keep-fit yoga: Special promotion, \$5 (students), \$10 (others). Certified instructors. Ten weeks. Wednesdays, starts 5 June, room 9, floor 14, Tory, 5 p.m. Registration 4:30 p.m. Information: Carol, 471-2989, weekdays, 8-10 p.m.

Competent house cleaning service, licenced, insured. Lawn cutting. For information, 424-8490. Professional seamstress and tailors. Made to order garments. General alterations. 469-6292, consultant Phil.

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